

AMENDMENTS TO THE CLAIMS

Claims 1-23 (Cancelled)

24. (Currently Amended) A process for regulating the porosity and printing properties of uncoated wood-containing paper, having at least 10% by weight of the pulp being lignin-containing pulp, the process comprising using a sufficient quantity of colloidal precipitated calcium carbonate (PCC) having a BET surface area of 10-100 m²/g as a filler to achieve a desired porosity of the paper.

25. (Currently Amended) ~~A~~The process according to claim 24 wherein the paper is SC paper, and wherein colloidal PCC is used in a quantity sufficient to achieve a porosity of at most 0.30 μm/Pas.

26. (Currently Amended) ~~A~~The process according to claim 24 wherein the paper is SC-B paper, and wherein colloidal PCC is used in a quantity sufficient to achieve a porosity of at most 0.60 μm/Pas.

27. (Currently Amended) ~~A~~The process according to claim 24 wherein the paper is newsprint, and wherein colloidal PCC is used in an amount sufficient to achieve a porosity of at most 20 μm/Pas.

28. (Currently Amended) ~~A~~The process according to claim 24 wherein the colloidal PCC has a BET surface area of 15-50 m²/g.

29. (Currently Amended) ~~A~~The process according to claim 28 wherein the colloidal PCC has a BET surface area of 20-30 m²/g.

30. (Currently Amended) ~~A~~The process according to claim 24 wherein colloidal PCC is incorporated into the paper in an amount of at least about 1% by weight based on the total weight of the paper.

31. (Currently Amended) ~~A~~The process according to claim 30 wherein colloidal PCC is incorporated into the paper in an amount of at least about 2% by weight based on the total weight of the paper.

32. (Currently Amended) ~~An Uncoated wood-containing paper in which at least 10% by weight of the pulp is lignin-containing pulp, and wherein said paper further contains~~ colloidal precipitated calcium carbonate (PCC).

33. (Currently Amended) ~~The~~ Paper according to claim 32 containing colloidal PCC having a BET surface area of 10-100 m²/g as a filler.

34. (Currently Amended) ~~The~~ Paper according to claim 33 comprising at least one further filler selected from the group consisting of non-colloidal PCC, kaolin, calcined kaolin, gypsum, chalk, ground marble, silicate-containing minerals, sulphate-containing minerals, oxide-containing minerals, carbonate-containing minerals, hydroxide-containing minerals, calcium sulfoaluminates, plastic particles and organic pigments.

35. (Currently Amended) ~~The~~ Paper according to claim 33 wherein the colloidal PCC has a BET surface area of 15-50 m²/g.

36. (Currently Amended) ~~The~~ Paper according to claim 32 wherein the colloidal PCC is present in an amount of at least about 1 % by weight based on the total weight of the paper.

37. (Currently Amended) ~~A~~ SC paper containing colloidal PCC and having a porosity of at most 0.30 µm/Pas.

38. (Currently Amended) The SC paper according to claim 36 wherein the paper is SC-A paper.
39. (Currently Amended) The SC-B paper containing colloidal PCC and having a porosity of at most 0.60 $\mu\text{m}/\text{Pas}$.
40. (Currently Amended) A Newsprint containing colloidal PCC and having a porosity of at most 20 $\mu\text{m}/\text{Pas}$.
41. (Currently Amended) The Ppaper according to claim 36 comprising at least one further filler selected from the group consisting of non-colloidal PCC, kaolin, calcined kaolin, gypsum, chalk, ground marble, silicate-containing minerals, sulphate-containing minerals, oxide-containing minerals, carbonate-containing minerals, hydroxide-containing minerals, calcium sulfoaluminates, plastic particles and organic pigments.
42. (Currently Amended) The Ppaper according to claim 36 wherein the colloidal PCC has a BET surface area of 10-100 m^2/g .
- 0 43. (Previously Presented) A pigment mixture suitable for paper manufacture and comprising colloidal precipitated calcium carbonate (PCC) having a BET surface area of 10-100 m^2/g in combination with at least one filler selected from the group consisting of: kaolin, calcined kaolin, gypsum, chalk, ground marble, silicate-containing minerals, sulphate-containing minerals, oxide-containing minerals, carbonate-containing minerals, hydroxide-containing minerals, calcium sulfoaluminates, plastic particles and organic pigments.
44. (Previously Presented) A pigment mixture suitable for paper manufacture and comprising a combination of colloidal PCC having a BET surface area of 10-100 m^2/g and non-colloidal PCC.

45. (Currently Amended) ~~A~~The pigment mixture according to any of claims 42-43 wherein the colloidal PCC comprises aggregates/agglomerates having an equivalent spherical particle size in the range 0.1-5.0 μm , wherein the aggregates/agglomerates consist of single crystals having an equivalent spherical particle size of about 0.01-0.50 μm .

46. (Previously Presented) The process according to claim 25, wherein the paper is SC-A paper.

47. (Previously Presented) A process for regulating the porosity and printing properties of uncoated wood-containing paper wherein at least about 5% by weight of the pulp is lignin-containing pulp, the process comprising using a sufficient quantity of colloidal precipitated calcium carbonate (PCC) having a BET surface area of 10-100 m^2/g as a filler to achieve a desired porosity of the paper.